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CERTIFICATE OF MAILING

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS FIRST-CLASS MAIL IN AN ENVELOPE ADDRESSED TO: ASSISTANT COMMISSIONER FOR PATENTS, WASHINGTON, D.C. 20231, ON SEPTEMBER 11, 2001

*Paul B. H.*  
AGENT/ATTORNEY FOR APPLICANT

09/11/01  
DATE

Attorney Docket No. 0457-PCT-US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

|             |  |                 |                    |
|-------------|--|-----------------|--------------------|
| Applicant:  | Arbuckle, et al.   | Date:           | September 11, 2001 |
| Serial No.: | 09/622,353   | Group Art Unit: | 1656               |
| Filed:      | September 12, 2000   | Examiner:       | Tung, J.           |
| For:        | "TRANSPOSABLE ELEMENT-ANCHORED, AMPLIFICATION METHOD FOR ISOLATION AND IDENTIFICATION OF TAGGED GENES" |                 |                    |

Assistant Commissioner for Patents  
Washington, D.C. 20231

AMENDMENT

Dear Sir:

In response to the Office Action of June 21, 2001, Applicants respectfully request that this application be reconsidered in view of the following remarks and amendments.

IN THE CLAIMS

**Please substitute the appropriate pending claim with its amended version as presented below:**

- Q1
1. (Amended) A method for the identification and isolation of a genetic sequence from an organism, wherein disruption of genomic DNA of said organism by a transposable element flanking said genetic sequence is associated with a mutant phenotype, said method comprising the following steps:
    - a) segregating a plurality of organisms by the presence or absence of said mutant phenotype, wherein the genomic DNA of each organism comprises at least one copy of said transposable element;